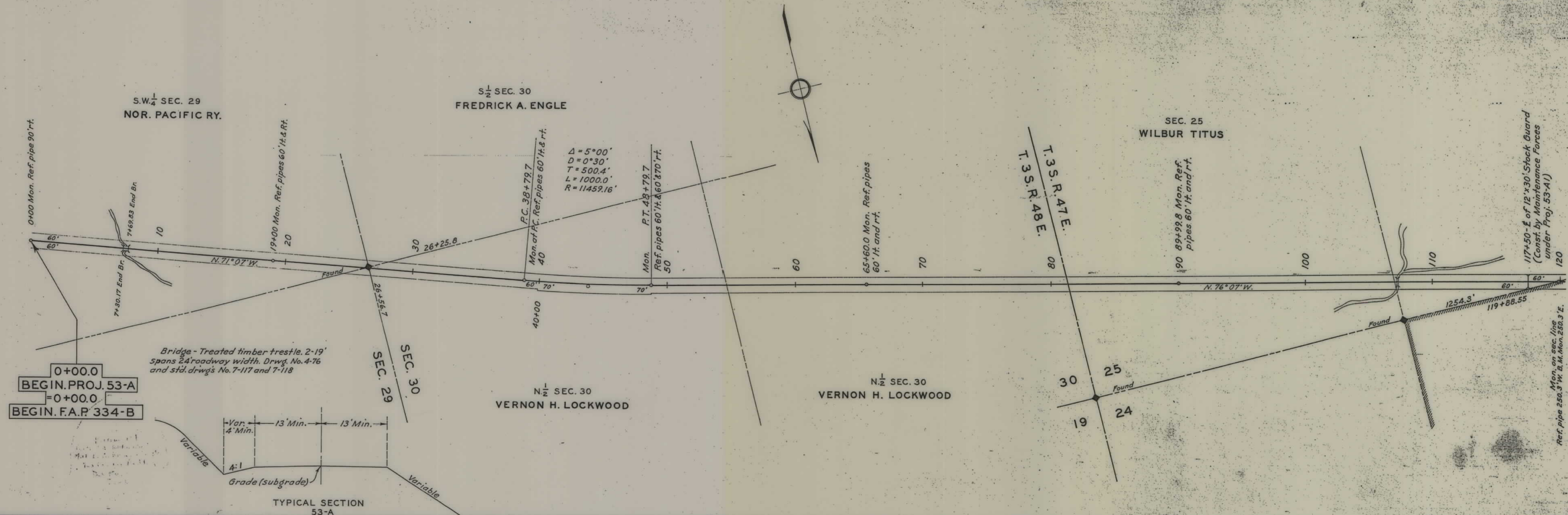


PLANS
NOT
TO
SCALE



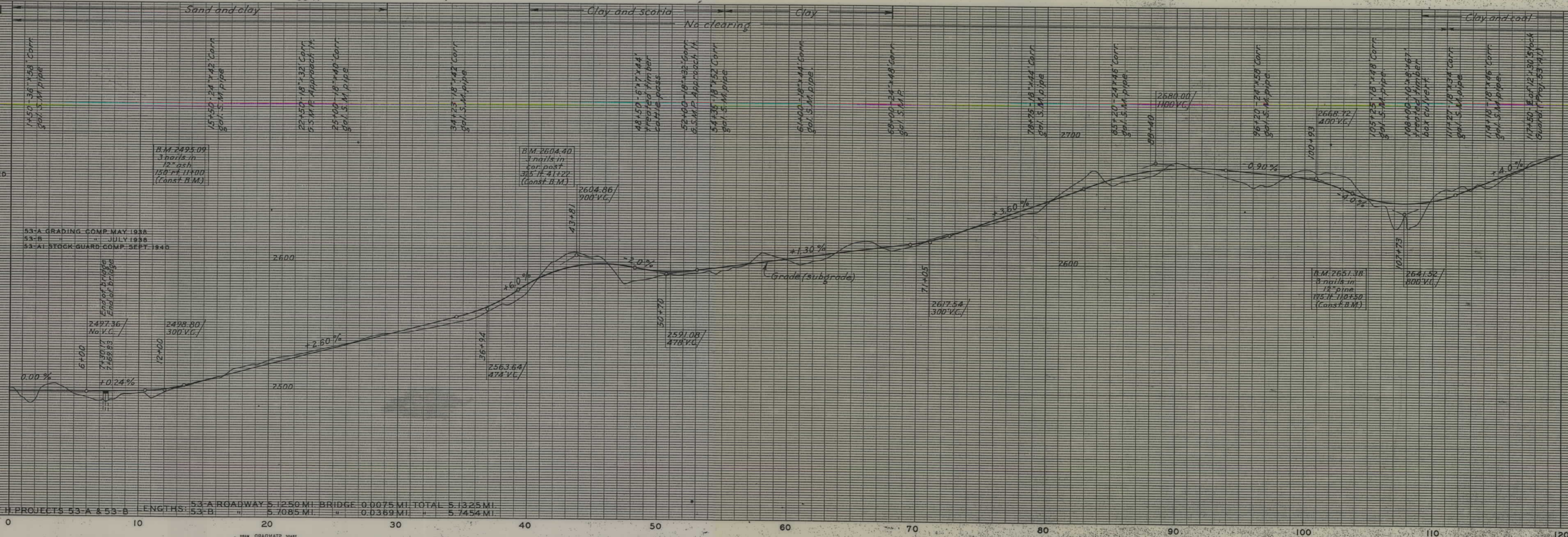
CLASSIFICATION
CLEARING

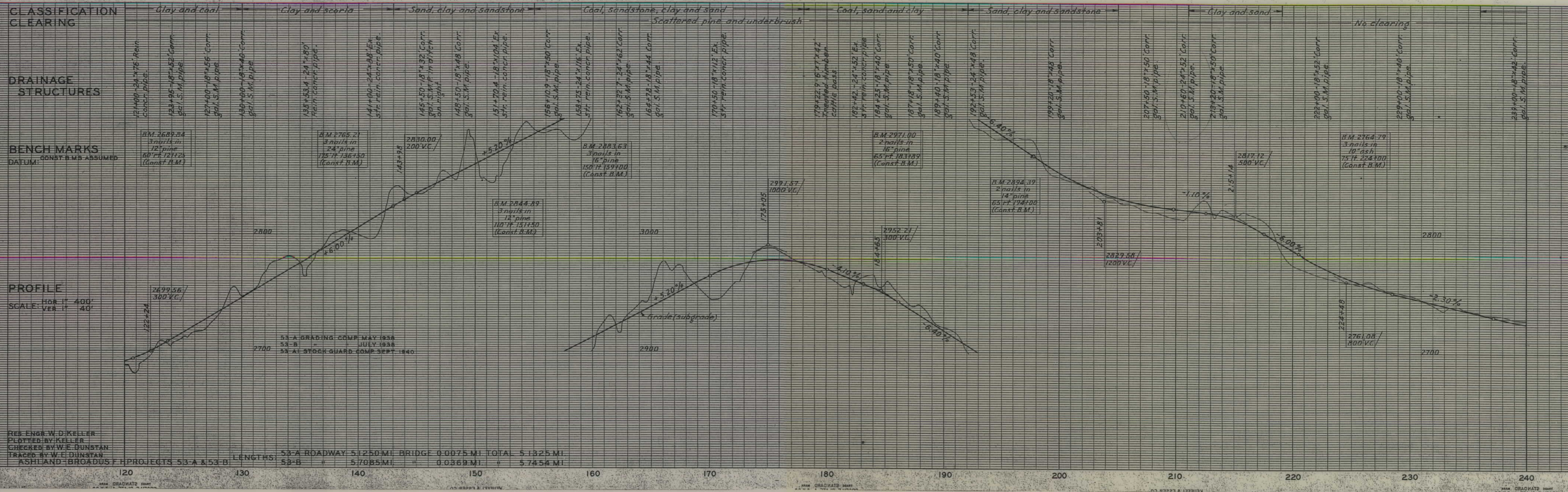
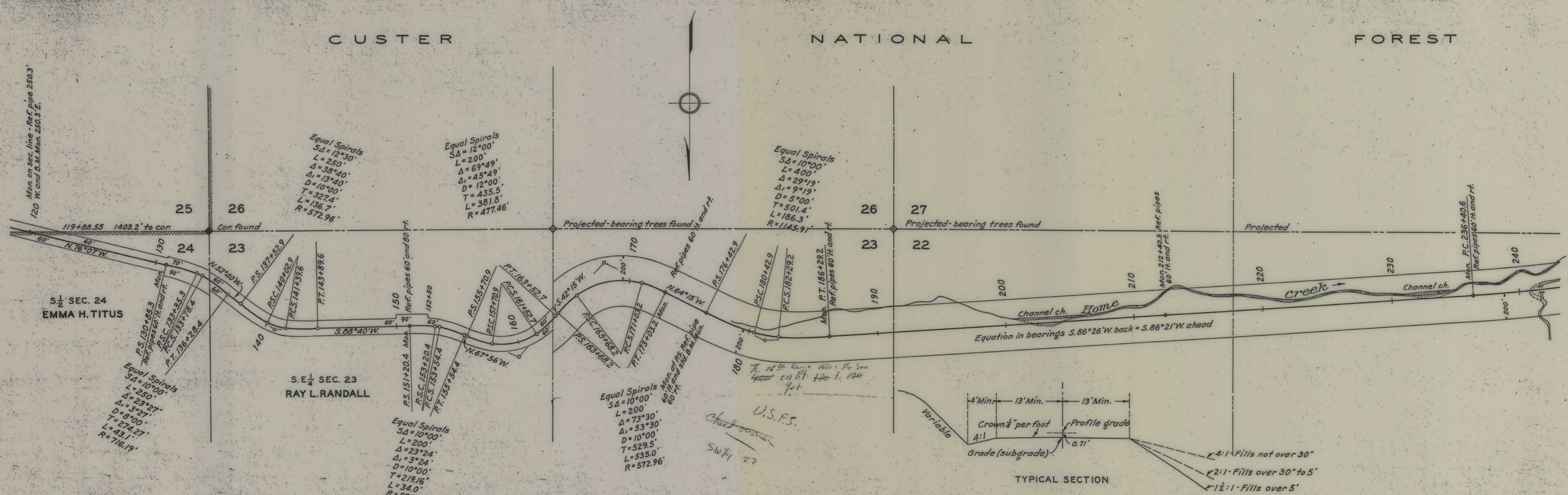
DRAINAGE
STRUCTURES

BENCH MARKS
DATUM: CONST. B.M.'S ASSUMED

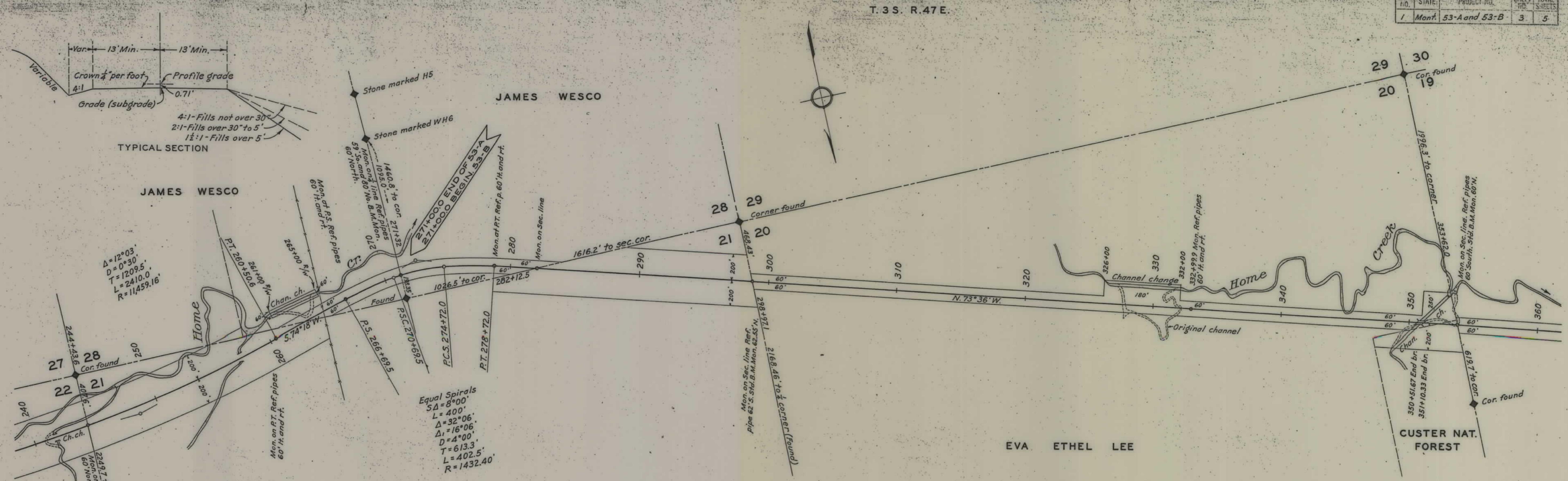
PROFILE
SCALE: HOR. 1"=400'
VER. 1"=40'

RES. ENGR. W.D. KELLER
PLOTTER BY KELLER
CHECKED BY W.F. DUNSTAN
TRACED BY W.F. DUNSTAN
ASHLAND-BROADUS F.H. PROJECTS 53-A & 53-B

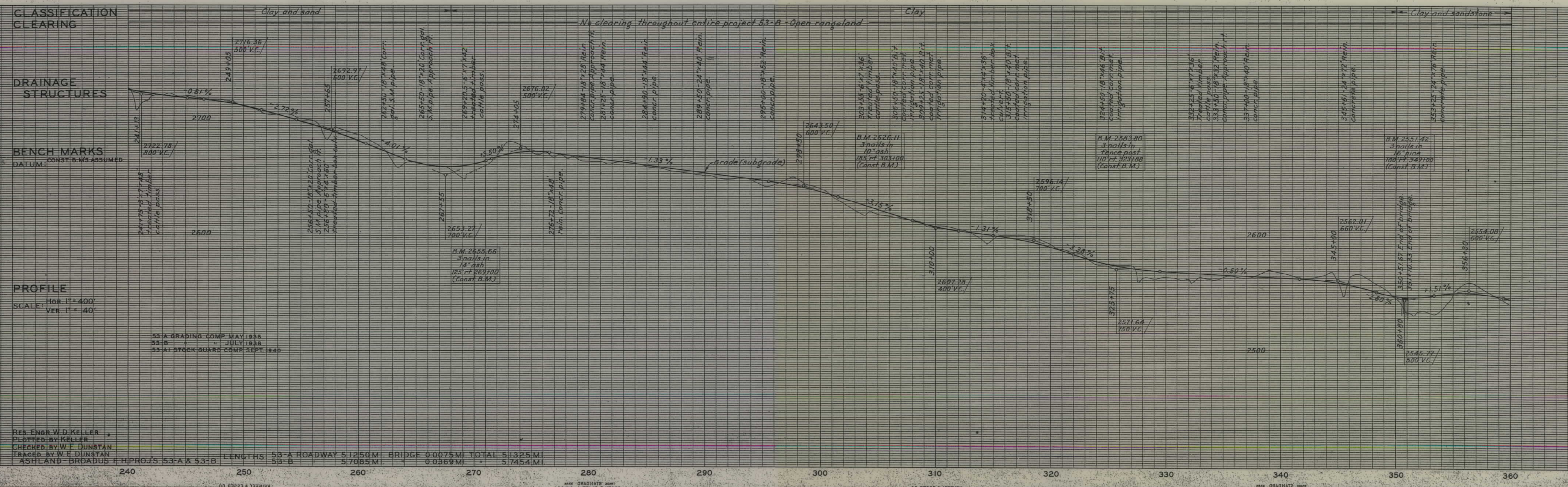




DIST.	STATE	PROJECT NO.	SHEET TOTAL
1	Mont.	53-A and 53-B	3 5



Bridge - Treated timber trestle
3-19' spans. See std. drawings
No. 7-117 and 7-118. 23' roadway
width.



RES. ENGR. W. D. KELLER
PLOTTER: J. KELLER
CHECKED BY: W. F. DUNSTAN
ASHLAND - BROADUS H. PROJ. 53-A & 53-B

LENGTHS: 53-A ROADWAY 5.1250 MI. BRIDGE 0.0075 MI. TOTAL 5.1325 MI.
53-B " " 0.0369 MI. " " 5.1754 MI.

Chon. ch.

Home

Ch. ch.

Home

Channel change

Original chan.

Bridge - Treated timber trestle.
3-19 spans. See std. drawings
No. 7-117 and 7-118 for details.
23' roadway width.

Equal Spirals
SA = 6° 00'
L = 400'
Δ = 25° 04'
D = 13° 04'
T = 625.3'
L = 435.6'
R = 1908.06'

Mon. at P.S. 366+89.4 Ref. pipes 60 ft. and rt.

Mon. 395+280 Ref. pipes 60 ft. and rt.

Mon. on Sec. line. Ref. pipe 62.66 W. Sta. 314 Mon. 62.66 South.

Mon. at P.S. 412+06.9
SA = 3° 00'
L = 400'

P.S. 416+06.9
P.C.S. 417+10.2
SA = 3° 00'
L = 400'

P.T. 421+10.2

Mon. at P.S. Ref. pipes 60 ft. and rt.

Mon. at P.T. 439+90.17 End 440+48.83 End

P.T. 4

Home

23

Corner found

Mon. of P. 470

Creek

24

13

460

200'

200'

200'

P.S. 463+24.4

P.S. 467+24.4

P.C.S. 471+60.0

P.T. 475+60.0

N. 46° 04' W.

480

19

24

18

13

Con. found

JAMES C. PHILLIPS

CUSTER NAT. FOREST

CUSTER

Equal Spirals
 $5\Delta = 6^{\circ}00'$
 $L = 400'$
 $\Delta = 25^{\circ}04'$
 $\Delta_1 = 13^{\circ}04'$
 $D = 3^{\circ}00'$
 $T = 625.3'$
 $L = 435.6'$
 $R = 1909.06'$

FOREST

DRAINAGE STRUCTURES

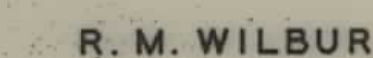
BENCH MARKS
DATUM: CONST. B.M.S. ASSUMED

PROFILE
SCALE: HOR. 1" = 400'
VER. 1" = 40'

RES. ENGR. W. D. KELLER
PLOTTED BY KELLER
CHECKED BY W. F. DUNSTAN
TRACED BY W. E. DUNSTAN
ASHLAND - BROADUS F. H. PROJ'S. 53-A & 53-B

LENGTHS:	53-A ROADWAY	5.1250 MI	BRIDGE	0.0075 MI	TOTAL	5.1325 MI
	53-B "	5.7085 MI	"	0.0369 MI	"	5.7454 MI

360	370	380	390	400	410	420	430	440	450	460	470	480
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----



JOHN HANICZ

$$\begin{aligned}\Delta &= 18^{\circ} 23' \\ D &= 0^{\circ} 45' \\ T &= 1236.2' \\ L &= 2451.1' \\ R &= 7639.44'\end{aligned}$$

574 + 36.0
END OF PROJ. 53-B
= 574 + 36.0
BEGIN. OF PROJ. 53-C

$\Delta = 9^{\circ}47'$
 $D = 0^{\circ}45'$
 $T = 653.8$
 $L = 1304.4$
 $R = 7639.44$

Note: For further details of roadway section as regards rounding and flattening of slopes etc. See std. typical cross sections as of Mar. 6, 1937 for National Forest and Park Hwys.

TYPICAL SECTION

$r 4:1$ - Fills less than 30"
 $r 2:1$ - Fills over 30" to 5'
 $r 1\frac{1}{2}:1$ - Fills over 5'

SCALE: HOR 1" = 400'
VER 1" = 40'

53-A GRADING COMP MAY 1938
53-B " " JULY 1938
53-AI STOCK GUARD COMP SEPT. 1940

RES. ENGR. W.D. KELLER
PLOTTED BY KELLER
CHECKED BY W.E. DUNSTAN
TRACED BY W.E. DUNSTAN
ASHLAND-BROADUS

LENGTHS:	53-A ROADWAY	5.1250 MI	BRIDGE	0.0075 MI	TOTAL	5.1325 MI
B	53-B "	5.7085 MI	"	0.0369 MI	"	5.7454 MI

